BRUHAT BANGALORE MAHANAGARA PALIKE

MODIFIED APPROVED SCHEDULE - B

Name of the work:- Improvements to Roads and Drains and Asphalting to roads near Veerabadraswamy Temple, Thindlu in Ward No. 09 in Vidyaranyapura sub Division.

Sl. No.	Approved Qty.	Description	Unit	Rates	
				B. Chandrashekar	
				In Figures	In Words
1	393.13	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications and directions of engineer in charge of the work	Cum	75.60	Rupees Seventy Five and Sixty Paise Only
2	141.75	Removing B.S Slab of Drain and stacking etc complete as per specifications and directions of engineer in charge of the work	Sqm	58.32	Rupees Fifty Eight and Thirty Two Paise Only
3	141.75	Refixing stone slabs of drains and pointing in C.M (1:3) etc complete as per specifications and directions of engineer in charge of the work	Sqm	75.60	Rupees Seventy Five and Sixty Paise Only
4	131.66	Providing and laying in position plain cement concrete of **mix 1:4:8 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work	Cum	4847.04	Rupees Four Thousand Eight Hundred Forty Seven and Four Paise Only
	93.62	Qty Above 125%		5159.02	Rupees Five Thousand One Hundred Fifty Nine and Two Paise Only
5	80.63	Providing and laying cement concrete using 20mm and down size granite jelly of **ready mixed concrete (RMC)for R.C.C works** laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams etc complete as per specifications and directions of engineer in charge of the work	Cum	5847.12	Rupees Five Thousand Eight Hundred Forty Seven and Twelve Paise Only
	132.10	Qty Above 125%		6231.74	Rupees Six Thousand Two Hundred Thirty One and Seventy Four Paise Only
6	645.00	Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator HOM of machinery Screed Vibratiry, Power Floater, blade and disc etc complete as per specifications and directions of engineer in charge of the work	Sqm	97.20	Rupees Ninety Seven and Twenty Paise Only
	1056.78	Qty Above 125%		95.40	Rupees Ninety Five and Forty Paise Only

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Sl. No.	Approved Qty.	Description	Unit	Rates	
				B. Chandrashekar	
				In Figures	In Words
7	67.50	Providing **groove cutting** for width of 5mm to 10mm and depth 80mm-100mm including cost of cutting machine, generator and HOM of machinery including cost of blade coolant etc including cleaning of groove and providing sand and hot bitumne fillars, and filler metal etc., indluding cost of converyance of all materials, labours, lead and lift charges and all other incidental charges as per drawing and as per specification **Concrete Pavement** etc complete as per specifications and directions of engineer in charge of the work	Rmt	124.20	Rupees One Hundred Twenty Four and Twenty Paise Only
	107.55	Qty Above 125%		121.90	Rupees One Hundred Twenty One and Ninety Paise Only
8	0.00	Providing and constructing granite / trap / basalt size stone masonry in **basement with cement mortar 1:6**, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work	Cum	4542.40	Rupees Four Thousand Five Hundred Forty Two and Forty Paise Only
9	334.68	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **vertical surface such as walls** at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work	Sqm	292.68	Rupees Two Hundred Ninety Two and Sixty Eight Paise Only
10	46.09	Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal**, coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3lts confirming to IS 9103-1999 reaffirmed-2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, etc complete as per specifications and directions of engineer in charge of the work	Cum	6065.28	Rupees Six Thousand Sixty Five and Twenty Eight Paise Only
11	2.77	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 **TMT Bars FE 500** etc complete as per specifications and directions of engineer in charge of the work	Tonne	78351.84	Rupees Seventy Eight Thousand Three Hundred Fifty One and Eighty Four Paise Only
12	300.00	Scarifying kankar / gravel / metal crust upto 150mm thick with pick axes and disposal of stuff within a lead of 100 meters including cost of all labour charges etc complete as per specifications and directions of engineer in charge of the work	Sqm	22.68	Rupees Twenty Two and Sixty Eight Paise Only

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Sl. No.	Approved Qty.	Description	Unit	Rates	
				B. Chandrashekar	
				In Figures	In Words
13	75.90	Providing, laying spreading and compacting graded stones aggregate to **wet mix macadam** specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density etc complete as per specifications and directions of engineer in charge of the work	Cum	1438.56	Rupees One Thousand Four Hundred Thirty Eight and Fifty Six Paise Only
14	330.00	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM, WMM including cleaning of road surface and spraying primer at the rate of 0.60 Kg / sqm using mechnical means etc complete as per specifications and directions of engineer in charge of the work	Sqm	31.32	Rupees Thirty One and Thirty Two Paise Only
15	13.20	Providing and laying **bituminous concrete** crushed aggregates of specified grading, premixed with bituminous binder at 5.4 to 5.6% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grad, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve, the desired compaction as per MORTH specification clauses No. 500.9 complete in all respects complete as pr specifications. **Using 100/120 TPH capacity H.M.P with sensor paver Gr-II (30 mm to 45 mm) with 6 % CRMB 55** etc complete as per specifications and directions of engineer in charge of the work	Cum	10288.08	Rupees Ten Thousand Two Hundred Eighty Eight and Eight Paise Only
16	393.13	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading etc complete as per specifications and directions of engineer in charge of the work	Cum	73.57	Rupees Seventy Three and Fifty Seven Paise Only
		EIRL			
17	5.54	Providing and laying in position plain cement concrete of **mix 1:2:4 with OPC cement @ 240 kgs with 20mm** and down size graded granite metal coarse aggregares @ 0.878 cum and fine aggregates @ 0.459 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work	Cum	5876.28	Rupees Five Thousand Eight Hundred Seventy Six and Twenty Eight Paise Only
18	88.65	**Providing precast slab of 100 mm thick** including cost of all materials, labour, curing, transportation, loading and unloading, etc.,complete as per the direction of engineer in charge- Data rate	Sqm	1760.00	Rupees One Thousand Seven Hundred Sixty Only
19	105	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc complete as per specifications and directions of engineer in charge of the work	No	331.78	Rupees Three Hundred Thirty One and Seventy Eight Paise Only

Signature of the contractor

Executive Engineer

Sl. No.	Approved Qty.	Description	Unit	Rates	
				B. Chandrashekar	
				In Figures	In Words
20	16.52	Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, etc complete as per specifications and directions of engineer in charge of the work	Sqm	27.56	Rupees Twenty Seven and Fifty Six Paise Only
21	16.52	Providing and applying spray painting in two coats (excluding priming coat) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, etc complete as per specifications and directions of engineer in charge of the work	Sqm	69.96	Rupees Sixty Nine and Ninety Six Paise Only
22	94.95	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete7.5 cms thick etc complete as per specifications and directions of engineer in charge of the work	Sqm	665.68	Rupees Six Hundred Sixty Five and Sixty Eight Paise Only
23	527.50	Providing chamfering edges to stone slab 2.5cms. wide as per specifications. (only chamfered length shall be recorded) etc complete as per specifications and directions of engineer in charge of the work	m	37.10	Rupees Thirty Seven and Ten Paise Only
24	94.95	Providing two line dressing to granite stone slab / granite stone masonry etc complete as per specifications and directions of engineer in charge of the work	Sqm	963.54	Rupees Nine Hundred Sixty Three and Fifty Four Paise Only
25	8.10	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members asshown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc complete as per specifications and directions of engineer in charge of the work	Sqm	3110.04	Rupees Three Thousand One Hundred Ten and Four Paise Only

Signature of the Contractor

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